EplusInterface

EplusInterface, which will open and view an 'idf' file, is an open source initiative to develop a comprehensive interface for EnergyPlus. The code is freely available for anyone; the license is GNU General Public License. Some of the modules under development are listed below; some of them are ready to use.

More information and downloads may be found at http://www.tc.umn.edu/~phili009/EPlusInterface/
Contact santosh philip@yahoo.com. [31 March 2004]

EPlusTUI

Text based interface (tui = text user interface)



EPlusGUI

Graphical interface for Linux, Mac and Windows

Import/Export

Protocol for transferring elements between files

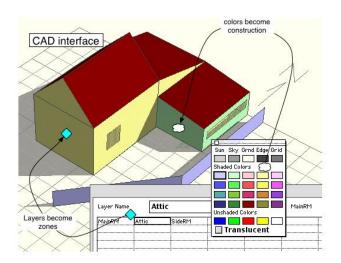
```
[11] GROOMDIEURAATORES
[12] MATERIAL: REGULAR
[13] MATERIAL: REGULAR-R
                               Import
[14] MATERIAL: AIR
[15] MATERIAL: WINDOWGLASS
[16] MATERIAL WINDOWG[14] MATERIAL AIR
[17] CONSTRUCTION [15] MATERIAL WINDOWGLASS
                        [16] MATERIAL: WINDOWGAS
[18] ZONE
[19] SURFACEGEOMETRY [17] CONSTRUCTION [20] SURFACE: HEATTRAN[18] ZONE
                                 FACEGEOMETRY
[21]
     s Import & Export FACE: HEATTRANSFER
[22]
                        [21] SURFACE: HEATTRANSFER: SUB
     SCHEDULETYPE
[23]
                        [22] SLA Hotel.idf
[24] DAYSCHEDULE
25 OfficeTower.idf
```

Material Library

Develop standard libraries for materials, construction, windows, systems, plants etc.

CAD Interface

Protocol for building 3D models in CAD for EnergyPlus - with conversion routines to generate EnergyPlus files



API

A set of well documented API that can be used to develop specialized interfaces

EPlusEXE.zip (executable for windows)

Download

You can download the files in the following formats (Version 0.002)

EPlusInterface0_002.zip (source code)

EPlusInterface0_002.tgz (source code)

EPlusInterface0_002.sit (source code)

EPlusEXEO 002.zip (executable for windows)

You can download the files in the following formats (Version 0.001)

EPlusInterface.zip (source code)

EPlusInterface.tgz (source code)

EPlusInterface.sit (source code)